

# System and Method for Downloading Security Context Elements Governing Execution of Downloadable and Distributable Agents

## Abstract of the Disclosure

A workflow, enterprise, and mail-enabled application  
5 server and platform supports distributed computing and  
remote execution of web applications. Lotus Domino online  
services (DOLS) is used by a web site administrator to  
configure Internet Notes (iNotes) clients to auto download  
from server, thus providing iNotes clients with web access  
10 using HTTP with various browsers, and with local processing  
and replication. A local run time model comprises a  
hierarchy of models including object data store model,  
security model, indexing model, replication model, agent  
workflow model and mail model. DOLS provides a layered  
15 security model that allows flexibility for controlling  
access to all or part of an application. The highest level  
of security is managed through a database access control  
list (ACL). Further refinements within the security model  
provide access to specific documents, and their views, forms  
20 or folders, and include read access lists, write access  
lists, form access lists and readers and authors fields.